

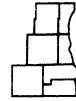
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: April 29, 2005

SUBJECT: STATUS OF MCAMLIS MAPPING PROJECTS BEING CARRIED OUT BY CITY OF MILWAUKEE STAFF UNDER SEWRPC OVERSIGHT

During 1998, City of Milwaukee staff and the MCAMLIS Steering Committee agreed to undertake a program that would, over time, result in the conversion of the City of Milwaukee U.S. Public Land Survey one-quarter section based digital engineering maps into digital maps that would “fit” the Milwaukee County relocated and remonumented land survey control system and that would also meet MCAMLIS project specifications for cadastral maps. By the end of January 2005, this program had been completed. All of the map conversion work was completed by City of Milwaukee staff in the Infrastructure Services Division, Central Drafting and Records Office, and in the Information and Technology Management Division, Department of Administration. SEWRPC staff, acting as agent for the MCAMLIS Steering Committee, prepared project specifications, entered into eleven separate Agreements with the City of Milwaukee to carry out the map conversion work, and made applications to the Wisconsin Land Information Program to secure nine grants to partially fund the map conversion activities. SEWRPC staff also reviewed the completed map conversion work to ensure conformance with all applicable MCAMLIS specifications.

The total cost of this effort was \$1,727,474. Over the course of this program, nine individual WLIP contribution based grants with a total value of \$748,366 were secured in partial support of this effort. The balance of the funding needed to carry out this work, or \$979,108, was provided from Milwaukee County retained document filing fees. Following are short synopses of each of the eleven completed projects.

The City of Milwaukee map recompilation project was comprised of 40 U.S. Public Land Survey one-quarter section-based maps as delineated on the map attached hereto as Exhibit A. These cadastral maps were compiled to fit the MCAMLIS survey control system utilizing original land records and associated descriptions and documents. This work was carried out by the staff of the City of Milwaukee, Infrastructure Service Division, Central Drafting and Records Office. This project was completed November 30, 2001.

The City of Milwaukee cadastral map transformation project (Phase 1) initially consisted of 93 U.S. Public Land Survey one-quarter-section-based existing City of Milwaukee maps that were refit to the MCAMLIS survey control system utilizing computer algorithms. These 93 one-quarter section maps are delineated on Exhibit A. This work was carried out by the staff of the City of Milwaukee, Department of Administration, Information and Technology Management Division. This initial project was completed

February 25, 2003. On April 28, 2003 an addendum revised the project to include an additional 6 map sheets. The additional work covered by the Addendum was completed September 16, 2003.

The City of Milwaukee cadastral map transformation project (Phase 2) consisted of 24 U.S. Public Land Survey one-quarter-section-based maps as delineated on Exhibit A. This project was completed February 14, 2002.

The City of Milwaukee cadastral map transformation project (Phase 3) also consisted of 24 U.S. Public Land Survey one-quarter-section-based maps again as delineated on Exhibit A. This project was also completed February 14, 2002.

The City of Milwaukee cadastral map transformation project (Phase 4) initially consisted of 24 U.S. Public Land Survey one-quarter-section-based maps again as delineated on Exhibit A. This project was completed February 15, 2003. On April 23, 2003 an addendum revised the project to include an additional 6 map sheets. The additional work covered by the Addendum was completed June 18, 2003.

The City of Milwaukee cadastral map transformation project (Phase 5) also consisted of 24 U.S. Public Land Survey one-quarter-section-based maps again as delineated on Exhibit A. This project was completed January 3, 2003. On April 25, 2003 an addendum revised the project to include an additional 6 map sheets. The additional work covered by the Addendum was completed June 27, 2003.

The City of Milwaukee cadastral map transformation project (Phase 6) consisted of 26 U.S. Public Land Survey one-quarter-section-based maps again as delineated on Exhibit A. On April 30, 2003 an addendum revised the project to include an additional 6 map sheets. All work, including the additional work covered by the Addendum, was completed September 16, 2003.

The City of Milwaukee cadastral map transformation project (Phase 7) consisted of 24 U.S. Public Land Survey one-quarter-section-based maps again as delineated on Exhibit A. This project was completed January 30, 2004.

The City of Milwaukee cadastral map transformation project (Phase 8) consisted of 25 U.S. Public Land Survey one-quarter-section-based maps again as delineated on Exhibit A. This project was completed September 23, 2004.

The City of Milwaukee cadastral map transformation project (Phase 9A) consisted of 12 U.S. Public Land Survey one-quarter-section-based maps again as delineated on Exhibit A. The agreement governing this project called for work to be completed by October 2004. Due to staffing issues, the City was unable to meet the original target completion date. This project was completed December 2, 2004.

The City of Milwaukee cadastral map transformation project (Phase 9B) consisted of 12 U.S. Public Land Survey one-quarter-section-based maps again as delineated Exhibit A. The agreement governing this project called for work to be completed by October 2004. Due to internal staffing issues, the City was unable to meet the original target completion date. This project was completed January 21, 2005.

During the summer and fall of 2003, several sample City of Milwaukee MCAMLIS format cadastral map files were reviewed by the staff of Geo-Analytics as part of a GIS Needs Assessment and Database Design Study undertaken by the Milwaukee County Department of Public Works (now the Department of Parks and Public Infrastructure). During the course of this review of the MCAMLIS cadastral map data

file structure, certain deviations from MCAMLIS specifications were found to exist in some of the maps examined. Accordingly, during 2004, all previously completed City of Milwaukee cadastral maps were reviewed and these deficiencies—where found to exist—were corrected by SEWRPC staff. Additionally, changes were made to the review procedures for all remaining maps so that any further deviations from the specifications would be discovered as part of the review and edit procedures. All of these deviations were corrected by the early part of 2005 and copies of all revised maps from all eleven projects were transferred to the MCAMLIS Project Manager on March 7, 2005.

While all remaining mapping activity was completed by the end of January of 2005, several administrative items still remained to be completed with respect to this program. During January and February, Project Completion Reports for the Phase 8 and Phase 9A project areas -- both of which were completed during the fourth calendar quarter of 2004 --were prepared by the SEWRPC staff and provided to Milwaukee County for filing with the Wisconsin Department of Administration (WDoA). The filing of these project completion reports was the last remaining requirement to be carried out under the terms of the Agreements relating to the Wisconsin Land Information Program grants obtained in partial funding support of the Phase 8 and Phase 9A projects. Upon receipt by WDoA of the two reports, final payments in the total amount of \$52,389 were made to Milwaukee County for these two projects. A Project Completion Report for the Phase 9B project remains to be completed by the SEWRPC staff and provided to Milwaukee County for filing with the WDoA. Upon receipt of this report by WDoA, a final payment in the amount of \$17,739 will be made to Milwaukee County. With receipt of the final payment by the County for the Phase 9B project, this series of eleven projects -- which spans an eight-year timeframe from 1998 to 2005 -- will have been completed and this program and all related projects carried out under this program can be considered terminated through the specific performance on the part of all parties involved.

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





TDP/mlh/lgh

#107162 v1 - Status of MCAMLIS Mapping Projects Memo

Exhibit A

AREAS FOR WHICH CITY OF MILWAUKEE U.S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS WERE ADJUSTED TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING BY COMPUTER TRANSFORMATION AND RECOMPILATION

LEGEND

-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS RECOMPILIED TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING (40)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 1 (39)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 2 (24)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 3 (24)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 4 (30)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 5 (30)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 6 (32)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 7 (24)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 8 (25)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 9A (12)
-  CITY OF MILWAUKEE U. S. PUBLIC LAND SURVEY ONE-QUARTER SECTION MAPS ADJUSTED BY COMPUTER TRANSFORMATION TO MEET MCAMUS STANDARDS FOR CADASTRAL MAPPING PHASE 9B (12)

